

## ZAR® Interior Oil Modified Urethane Poly OMU

## MANUFACTURER

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## PRODUCT DESCRIPTION

ZAR® Interior Oil Modified Urethane Poly OMU is an ultra-tough oil-modified urethane. This unique formula dries by coalescing and oxygen cross-linking for a harder "through cure." It is self-leveling making it ideal for floors, cabinets, furniture, and woodwork. It's fast drying, low-odor formula features superior hardness and mar resistance for outstanding wear and durability. The light natural amber amplifies the natural tone and character of your wood surface. Exotic hardwood approved – Ideal for use on Teak, Brazilian Walnut, Brazilian Cherry, and other exotic wood species.

- Superior abrasion resistance
- Low odor, fast drying
- Dual Drying Technology, dries with a harder "through cure"
- Exotic hardwood approved.

## BASIC USES

Specially formulated to protect and beautify floors, cabinets, furniture, and woodwork.

## LIMITATIONS

Do not apply over finishes containing stearates or aluminum oxide. Do not use steel wool.

## TECHNICAL DATA

## COMPOSITION:

Waterborne oil modified

## SHEEN:

Gloss 85+ @ 60°  
Semi-Gloss 65-75 @ 60°  
Satin 40-50 @ 60°  
Matte 15-25 @ 60°

## % WEIGHT SOLIDS:

31.5-33.5

## DENSITY (LBS./US GAL.):

8.5-9.0 (S.G. 1.01 ± 0.06)

## VISCOSITY:

54-60 KU @ 77°F (25°C)

## pH:

8.5-9.0

## COLORS:

Transparent

## DRY TIME:

- To touch: 30 minutes
- To recoat: 2 hours

**Note:** Maximum cure and dry time will be prolonged when slightly humid and damp, cool conditions prevail.

## CLEAN UP:

Warm soapy water

Dispose of contaminated absorbent, container and unused contents in accordance with local, state, and federal regulations.

## COVERAGE (SQ. FT./ GAL.):

400-500 sq. ft. (37.1 m<sup>2</sup>-46 m<sup>2</sup>)/gal.

**Note:** Actual coverage will vary depending upon application method, surface texture, and porosity.

## RECOMMENDED FILM THICKNESS/COAT:

3-4 mils wet

## SHELF LIFE:

5 Years unopened container

## FREEZE/THAW:

Protect from freezing

## CONTAINER SIZES:

One quart (US) and one gallon (US) cans

## VOC

Does not exceed 250 g/L

## TINTING

N/A

## THINNING

May be thinned up to 10% with water for use as a first coat.

## SURFACE PREPARATION

**New Wood:** Sand smooth using fine sandpaper, vacuum sanding dust. Wipe clean using a tack cloth or microfiber cloth.

**Do not use steel wool.** If open-grained woods are to be filled, use a filler that does not contain stearates or waxes, such as ZAR® Wood Patch.

## Old Clear Finishes in Good Condition:

Remove grease, dirt, and wax. Sand lightly in the direction of the grain to remove any gloss.

**Do not use steel wool.** Vacuum all sanding dust. Wipe clean using a tack cloth or microfiber cloth. Clean dust with cloth dampened with paint thinner or mineral spirits.

## Old Clear Finishes in Poor Condition,

**Lacquer or Shellac:** Remove completely. If the old finish contains wax or stearates, regardless of condition, remove completely.

**Do not use steel wool.** Sand and vacuum all sanding dust. Wipe clean using a tack cloth or microfiber cloth.

**If wood is to be stained,** use ZAR® Interior Oil Base Stain or a water base stain. Allow ZAR® Interior Oil Base Stain to dry a minimum of 3 hours. For water base wood stains or oil base wood stains other than ZAR®, follow manufacturer's drying directions.

**NOTE:** To ensure satisfactory results, always prepare a sample or test the product on an inconspicuous area to determine compatibility prior to completing the entire job. Do not apply over aluminum oxide finishes.



## DRY TIME:

30 Minutes  
Recoat 2 Hours



Soap

## CLEAN-UP:

Soap and Water



## COVERAGE:

2-3 Coats  
3 Coats for Floors



## SPREAD RATE:

400-500 Sq.  
Ft./Gallon

## WARNING

If you scrape, sand, or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH-approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to [www.epa.gov/lead](http://www.epa.gov/lead).

## APPLICATION

Recommended conditions-apply ZAR® Interior Oil Modified Urethane Poly OMU when air and surface temperatures are between 60°F (15.5°C) and 90°F (32°C) and the relative humidity is less than 60%. Stirring not required for Gloss. For Semi-Gloss, Satin, and Matte stir thoroughly before and during application. Do not shake! Apply straight from the can. Use a clean synthetic fiber brush or a foam pad. Do not apply with a roller! Apply thin coats at a rate of 400-500 sq. ft. (37.1 m<sup>2</sup>-46 m<sup>2</sup>) per gallon in the direction of the wood grain. Thick coats may appear milky when dry. Do not over brush or trap air bubbles in the finish.

ZAR® Interior Oil Modified Urethane Poly OMU dries to the touch in 30 minutes, and can be recoated after 2 hours. Drying time will be affected by temperature, humidity, and film thickness. If while sanding, sandpaper gums, or surface feels tacky, extend drying times.

**Floor Application:** If floor is to be stained prior to applying ZAR® Interior Oil Modified Urethane Poly OMU, let stain dry according

to manufacturer's drying directions. Areas with poor ventilation such as closed rooms, corners and hallways may take longer to dry. Prepare surface as above. Use a light weight T-Bar with a synthetic applicator, or use a foam pad and spread the finish towards the opposite wall following the wood grain. Hold the applicator using a snowplow technique to maintain a wet edge. When approaching the end of a run, turn the applicator towards you and spread out excess material parallel to the wet edge. Feather out all turns. For maximum protection, apply 3 coats. Allow floors to dry 24 hours before subjecting to light foot traffic; 3-5 days before moderate (normal) traffic or moving furniture. To avoid marring floor, lift and place furniture. One week is required before maximum resistance is achieved.

Do not cover floors with rugs before one week has elapsed. If floor should become marred or scratched, simply sand lightly using fine sandpaper, vacuum all sanding dust, wipe clean with a tack cloth or microfiber cloth and apply another coat to repair the finish.

## MAINTENANCE

Areas with harsh exposure to sun, weather, or foot traffic will show wear more quickly than other surfaces. If this occurs, clean affected areas and recoat as necessary.

## CAUTION

Causes nose, throat, skin, and eye irritation. Causes lung irritation. Overexposure may cause liver and kidney damage. Harmful if swallowed.

### Use only with adequate ventilation.

Avoid breathing vapors. Ensure fresh air entry during application and drying. If you experience eye watering, headache, or dizziness, or if air monitoring demonstrates vapor/mist levels are above applicable limits, wear an appropriate, properly fitted respirator (NIOSH-approved) during and

after application. Follow respirator manufacturer's directions for respirator use. Avoid contact with eyes, skin, and clothing. Wash thoroughly after handling.

**KEEP OUT OF REACH OF CHILDREN.  
DO NOT TAKE INTERNALLY.  
CLOSE CONTAINER AFTER EACH USE.**

## FIRST AID

In case of eye contact, flush immediately with plenty of water for at least 15 minutes and call poison control center, hospital emergency room, or physician immediately; for skin, wash thoroughly with soap and water. If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, call poison control center, hospital emergency room, or physician immediately. If swallowed, do not induce vomiting. Call poison control center, hospital emergency room, or physician immediately.

If spilled, contain spilled material and remove with inert absorbent. Dispose of contaminated absorbent, container and unused contents in accordance with local, state, and federal regulations.

**DANGER – RAGS, STEEL WOOL, OR WASTE SOAKED WITH PRODUCT MAY SPONTANEOUSLY CATCH FIRE IF IMPROPERLY DISCARDED. IMMEDIATELY AFTER USE, PLACE RAGS, STEEL WOOL, OR WASTE IN A SEALED, WATER-FILLED METAL CONTAINER.**

For additional health and safety information please refer to the "Safety Data Sheet".

ZAR® is a registered trademark of United Gilsonite Laboratories (UGL).



### Interior Oil Modified Urethane

Poly OMU	Gloss	Semi-Gloss	Satin	Matte
1 QT. 4/Case	36012	36112	36212	36412
1 GAL. 2/Case	36013	36113	36213	36413

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